Suraj Kumar

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Profile

Full-Stack Developer dedicated to building secure, scalable applications using Flask, Vue.js, and the MERN stack. Experienced in the full software lifecycle—from designing complex SQL/NoSQL schemas and RBAC security models to developing robust RESTful APIs.

Skills

Programming Languages - Python, JavaScript, SQL
Web Technologies – Flask, Vue.js, React, Express, Node.js, MongoDB, Bootstrap, HTML5, CSS3, RESTful APIs
Soft Skills - Communication, Problem-Solving, Time Management, Decision Making
Tools - VS Code, Git, Github, Docker, AWS, Postman, PostgreSQL, Linux

Education

Indira Gandhi National Open University (IGNOU)   **Jul 2025 – Jul 2027**
Master in Computer Applications   Patna, Bihar

Indian Institute of Technology   **Jan 2024 – 2027**
Bachelor of Science - Data Science and Application (Hybrid)   Chennai, Tamil Nadu

Projects

WheelSpot   **web-link**   **code link**
[Vue.js 2, Flask, Python, JavaScript, SQL, Bootstrap, Celery, Redis, HTML5, CSS3]
- Architected a scalable full-stack parking management system using **Flask** and **Vue.js**, implementing secure **RBAC** and **RESTful APIs** for real-time booking. Integrated **Celery** with **Redis** to handle asynchronous background tasks like automated reporting and email notifications.

CuraNet   **web-link**   **code link**
[Vue.js 3, Flask, Python, JavaScript, SQL, Bootstrap, HTML5, CSS3]
- Developed a comprehensive healthcare management system featuring **real-time scheduling** and treatment history tracking. Integrated **RESTful APIs** and utilized to create a scalable architecture for seamless administrative oversight and patient care.

Flixxit   **web-link**   **code link**
[React, Express, MongoDB, Nodejs, Tailwind, HTML5, CSS3]
- **Flixxit** is a web application designed to replicate the core features of major OTT platforms. It enables users to browse content via **horizontally scrollable carousels** on a main dashboard and perform granular searches across various content types (movies, series, documentaries).

Certification

- **Diploma in Programming Certificate – IIT Madras**
  Issued on – Sep 2025   **Certificate Link**

- **Full-Stack Development Bootcamp – upGrad**
  Issued on – May 2024   **Certificate Link**